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GenCore version 4.5

DM protein - protein search, using sw model

Run on: August 28, 2002, 17:22:09 ; Search time 30.03 Seconds

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Issued Patents AA:*

1: /cgn2_6/ptodata/2/iaa/5a_COMB_pep:*

2: /cgn2_6/ptodata/2/iaa/5b_COMB_pep:*

3: /cgn2_6/ptodata/2/iaa/6a_COMB_pep:*

4: /cgn2_6/ptodata/2/iaa/6b_COMB_pep:*

5: /cgn2_6/ptodata/2/iaa/ptctus_COMB_pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

8

SUMMARIES

Result No.	Score	Query Length	DB ID	Description
1	1194	100.0	488	4 US-08-776-511-2
2	1187	99.4	508	2 US-08-776-511-2
3	202.5	17.0	185	1 US-07-676-647-10
4	202.5	17.0	185	1 US-08-449-322-10
5	202.5	17.0	185	2 US-08-449-322-10
6	202.5	17.0	185	2 US-08-555-258-10
7	202.5	17.0	185	4 US-09-231-590-10
8	202.5	17.0	185	4 US-09-231-590-10
9	201	16.8	482	1 US-08-184-321A-8
10	201	16.8	482	5 PCT-US95-00670-8
11	200	16.8	633	1 US-08-184-321A-8
12	200	16.8	633	1 US-08-460-803-17
13	200	16.8	633	2 US-08-457-254-7
14	200	16.8	633	5 PCT-US94-08061-17
15	200	16.8	633	5 PCT-US95-01775-17
16	200	16.8	633	5 PCT-US95-16626-7
17	198	16.6	626	1 US-08-184-321A-8
18	198	16.6	626	5 PCT-US95-00670-2
19	185	15.5	448	2 US-08-078-311-12
20	185	15.5	448	2 US-08-460-402-12
21	185	15.5	493	2 US-08-078-311-7
22	185	15.5	493	2 US-08-460-402-7
23	185	15.5	635	1 US-08-184-321A-4
24	185	15.5	635	2 US-08-078-311-1
25	185	15.5	635	2 PCT-US94-0402-1
26	185	15.5	635	5 PCT-US95-00670-4
27	169	14.2	30	2 US-08-240-224-7

RESULT 1

US-08-776-511-2

SEQUENCE 2, Application US/08776511

Patent No. 6153190

GENERAL INFORMATION:

APPLICANT: Young, Peter R.

ATTORNEY/MILLER, Connie

TITLE OF INVENTION: Method for Obtaining Receptor Agonist

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: Smithkline Beecham Corporation- Corporate

STREET: 709 Swedeland Road

CITY: King of Prussia

STATE: Pennsylvania

COUNTRY: USA

ZIP: 19406-2799

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/776,511

FILING DATE:

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Jervis, Herbert H.

REGISTRATION NUMBER: 31,171

REFERENCE/DOCKET NUMBER: SBC P50349-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 610-270-5015

TELEFAX: 610-270-5090

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 488 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

Query Match

Best local Similarity 100.0%; Pred. No. 1e-125; Matches 225; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 APPPNLPPKESKAALIAGRGPEELCFTTERLEDYCFWEERASAGVPGNFSYFQLE 60

Db 25 APPPNLPPKESKAALIAGRGPEELCFTTERLEDYCFWEERASAGVPGNFSYFQLE 84

ALIGNMENTS

RESULT 2
US-08-850-293-5
; Sequence 5, Application US/08850293
; Patent No. 5843726

GENERAL INFORMATION:
APPLICANT: Lee, Jong Y.
TITLE OF INVENTION: PURIFIED HUMAN ERYTHROPOETIN RECEPTOR
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C., P.A.
STREET: 60 South Sixth Street, Suite 3300
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/850,293
FILING DATE: 05-MAY-1997
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/499,643
FILING DATE: 07-JUL-1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/106,815
FILING DATE: 16-AUG-1993

ATTORNEY/AGENT INFORMATION:
NAME: Ellinger, Mark S.
REGISTRATION NUMBER: 34,812
REFERENCE/DOCKET NUMBER: 07/004/002001

TELECOMMUNICATION INFORMATION:
TELEPHONE: 612/335-5070
TELEFAX: 612/288-8696

SEQUENCE CHARACTERISTICS:
LENGTH: 508 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein

US-08-850-293-5

RESULT 3
US-07-676-647-10
; Sequence 10, Application US/07676647
; Patent No. 5426177

GENERAL INFORMATION:
APPLICANT: Davis, Samuel
APPLICANT: Squinto, Stephen P.
APPLICANT: Furth, Mark E.
APPLICANT: Yancopoulos, George D.

TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 115 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/676,647
FILING DATE: 1990-03-28
CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6526-048

TELECOMMUNICATION INFORMATION:
TELEPHONE: 212 790-9090
TELEFAX: 212 869864/9741
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 185 amino acids
TYPE: AMINO ACID
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide

US-07-676-647-10

Query Match 99.4%; Score 1187; DB 2; Length 508;
Best Local Similarity 99.6%; Pred. No. 6.8e-125;
Matches 224; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Query 1 APPNPDPKESKALLAARGPEELCFTERLEDLVCFWEEASAGVGPQNSFSYQLE 60
Db 25 APPNPDPKESKALLAARGPEELCFTERLEDLVCFWEEASAGVGPQNSFSYQLE 84

Query 61 DEPKWIKLRLQAPTAARGAVRFWSLPLPDTSSFPVPLRVTAAAGSAPRYHRVHINEVL 120
Db 85 DEPKWIKLRLQAPTAARGAVRFWSLPLPDTSSFPVPLRVTAAAGSAPRYHRVHINEVL 144

Query 121 LDAPVGLVARLADESCHVWLRWLPPEPTMPSHIREVYDVSAGNGAGSVORVEILEGRTE 180
Db 145 LDAPVGLVARLADESCHVWLRWLPPEPTMPSHIREVYDVSAGNGAGSVORVEILEGRTE 204

Query 181 CVLSNLRGRTRYFAVRAARMAEPSGGFWSAWSEPVSLLPSDLD 225
Db 205 CVLSNLRGRTRYFAVRAARMAEPSGGFWSAWSEPVSLLPSDLD 249

RESULT 4
 USS-08-449-329-10
 Sequence 10, Application US/08449329
 ; Patient No. 5648334
 GENERAL INFORMATION:
 APPLICANT: Davis, Samuel
 APPLICANT: Squinto, Stephen P.
 APPLICANT: Furth, Mark E.
 APPLICANT: Yancopoulos, George D.
 TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
 NUMBER OF SEQUENCES: 15
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 ZIP: 10036
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/449, 329
 FILING DATE:
 CLASSIFICATION: 530
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US 07/700, 677
 FILING DATE: 15-MAY-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Misrock, S. Leslie
 REGISTRATION NUMBER: 18,872
 REFERENCE/DOCKET NUMBER: 6526-065
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212 790-9090
 TELEFAX: 212 869864/9741
 TELEX: 66141 PENNIE 9741
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 185 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-08-449-329-10

Query Match 17.0%; Score 202.5; DB 1; Length 185;
 Best Local Similarity 29.6%; Pred. No. 5 8e-15; Mismatches 55; Conservative 3; Indels 127; Gaps 1;
 Matches 55; Conservative 3; Mismatches 127; Indels 1; Gaps 1;

Qy 28 CFTTERLEDYCFWEEASAGVPGNYSFSYQLEDPWKLCRLHQAPTARGAVRFWSLPT 87
 Db 1 CFTQRLEDYCFWXXXXXX-XXXXXX-XXXXXX-XXXXXX-XXXXXX-XXXXXX 59

Qy 88 ADTSSFVPLERVTAASGAPRYHRVHINEVLLDAPVGLVARLADESQHVLRLPPE 147
 Db 60 XXXXXXXXXXXXXXXXXXXXXXXXHINENVLLDAPVGLVARLADESQHVLRLPPE 119

Qy 148 TPMTSHIRYEVDVSAGNGAGSVQRVEILEGRTECVLNSLNRGRTRYFAVRARMAEPSFG 207
 Db 120 XXXXXXXXXXXXXXXXXXXXXXXXHINENVLLDAPVGLVARLADESQHVLRLPPE 179

Qy 208 FWSAWS 213
 Db 180 FWSAWS 185

RESULT 5
 US-08-445-073-10

Query Match 17.0%; Score 202.5; DB 2; Length 185;
 Best Local Similarity 29.6%; Pred. No. 5 8e-15; Mismatches 55; Conservative 3; Mismatches 127; Indels 1; Gaps 1;
 Matches 55; Conservative 3; Mismatches 127; Indels 1; Gaps 1;

Qy 28 CFTTERLEDYCFWEEASAGVPGNYSFSYQLEDPWKLCRLHQAPTARGAVRFWSLPT 87
 Db 1 CFTQRLEDYCFWXXXXXX-XXXXXX-XXXXXX-XXXXXX-XXXXXX-XXXXXX 59

Qy 88 ADTSSFVPLERVTAASGAPRYHRVHINEVLLDAPVGLVARLADESQHVLRLPPE 147
 Db 60 XXXXXXXXXXXXXXXXXXXXXXXXHINENVLLDAPVGLVARLADESQHVLRLPPE 119

Qy 148 TPMTSHIRYEVDVSAGNGAGSVQRVEILEGRTECVLNSLNRGRTRYFAVRARMAEPSFG 207
 Db 120 XXXXXXXXXXXXXXXXXXXXXXXXHINENVLLDAPVGLVARLADESQHVLRLPPE 179

Qy 208 FWSAWS 213
 Db 180 FWSAWS 185

RESULT 6
 US-08-585-258-10
 Sequence 10, Application US/08585258
 ; Patient No. 5892003
 ; GENERAL INFORMATION:
 ; APPLICANT: Davis, Samuel

APPLICANT: Squinto, Stephen P.
 APPLICANT: Furth, Mark E.
 APPLICANT: Yancopoulos, George D.
 TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
 NUMBER OF SEQUENCES: 15
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10036

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/585, 258
 FILING DATE: 11-JAN-1996
 CLASSIFICATION: 530
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US/08/001, 904
 FILING DATE:
 APPLICATION NUMBER: US/07/700, 677
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Mistrock, S. Leslie
 REFERENCE/DOCKET NUMBER: 18, 872
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 212 790-9090
 TELEFAX: 212 869864/9741
 TELEX: 66141 PENNIE
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 185 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 US-08-585-258-10

Query Match 17.0%; Score 202.5; DB 2; Length 185;
 Best Local Similarity 29.6%; Pred. No. 5; 8e-15;
 Matches 55; Conservative 3; Mismatches 127; Indels 1; Gaps 1;

Qy 28 CFTERIEDLVLVFWEEAASAGVPGNYSFSYQLEDEPWKLCRHQAPTAARGAVRFWCSLPT 87
 Db 1 CFTQRLIEDLVLVFWXXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXCXXXXXXCXXXXXXCXXXXXX 59

Qy 88 ADTSFVPLERVTAASGAPRKHVNIEVVLDAVGLVARRADESGHVLRLWLPPE 147
 Db 60 XXXXXXXXXXXXXXXXXXXXXXXXHINIEVVLDAVGLVARRADESGHVLRLWXXXX 119

Qy 148 TPMTSHIRVEVDVSAGNGAGSVQRVTELEGRTECVLSNLGRRTRYFAVRMAEPFGG 207
 Db 120 XXXXXXXXXXXXXXXXXXXXXXXXHINIEVVLDAVGLVARRADESGHVLRLWXXXX 179

Qy 208 FWSAWS 213
 Db 180 FWSAWS 185

RESULT 8
 PCT-US91-03896-10
 Sequence 10, Application PC/TUS9103896
 GENERAL INFORMATION:
 APPLICANT: Davis, Samuel
 APPLICANT: Squinto, Stephen P.
 APPLICANT: Furth, Mark E.
 APPLICANT: Yancopoulos, George D.
 TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
 NUMBER OF SEQUENCES: 15
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/184,327A

FILING DATE: 20-JAN-1994

CLASSIFICATION: 514

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 482 amino acids

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-184-327A-8

ATTORNEY/AGENT INFORMATION:

NAME: MISROCK, S. Leslie

REGISTRATION NUMBER: 18,872

REFERENCE/DOCKET NUMBER: 6526-065-228

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212 790-9090

TELEFAX: 212 8698864/9741

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 185 amino acids

TYPE: AMINO ACID

STRANDEDNESS: single

TOPOLOGY: unknown

MOLECULE TYPE: peptide

PCT-US91-03896-10

Query Match

Score 17.0%; Score 202.5; DB 5; Length 185;

Best Local Similarity 29.6%; Pred. No. 5.8e-15; Matches 55; Conservative 3; Mismatches 127; Indels 1; Gaps 1;

Matches 66; Conservative 29; Mismatches 112; Indels 56; Gaps 7;

Qy 28 CFTTERIEDLVCWFEEERASAGVPGNYFSFSYQLEDEFWKLCRLHQAPTARGAVFWQSLPT 87

Db 1 CFTTORLEDLVCWFXXXXXX-XXXXXX-XXXXXX-XXXXXX-XXXXXX 59

Qy 88 ADTSSVPFLRLRTAASGAPRYHRVHINEVWLIDAPVGLVARLADESQHVLRLNUPPE 147

Db 60 XXXXXXXXXXXXXXXXXXXXXXXXHINEVWLIDAPAGLARRAEGSHVHLRWNXXXX 119

Qy 148 TPFMTSHIRYEVNSAGNGAGSVQRVEILEGRTECVLSNLRGRRTYFAVRARRMAEPSFGG 207

Db 120 XXXXXXXXXXXXXXXXXXXXXXXX-XXXXXX-XXXXXX-XXXXXX-XXXXXX 179

Qy 208 FWSAWS 213

Db 180 FWSAWS 185

RESULT 10

PCT-US95-00670-8

Sequence 8, Application PC/TUUS9500670

GENERAL INFORMATION:

APPLICANT: Choi, Esther S.

APPLICANT: Hokom, Martha M.

APPLICANT: Hunt, Pamela

APPLICANT: Nichol, Janet L.

APPLICANT: Nicol, Janet L.

TITLE OF INVENTION: Compositions And Methods For Stimulating

NUMBER OF SEQUENCES: 8

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS:

ADDRESSEE: Amgen Inc., U.S. Patent Operations/RRC

STREET: 1840 De Havilland Drive

CITY: Thousand Oaks

STATE: CA

COUNTRY: USA

ZIP: 91320-1789

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/00670

FILING DATE: 18-JAN-1995

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/184,327

FILING DATE: 20-JAN-1994

INFORMATION FOR SEQ ID NO: 8:

COMPUTER READABLE FORM:

Db 25 SQDFFLALGTERPINCFCSOTFEDITCFWDEEEAA - PSGTYQIYIAYRGKPRACPLYSQ 82
 Qy 73 PTARGAVRFWCSLPTAD-TSSFPVLELRVTAAS-GAPRHRVHINEVTLDDPVGIVAR 130
 Db 83 SVPFFGTRYVCQFPAQDEVLFLPFLHLWVKNVSLNQTLTORYLFVDSVGLPAPPRVKAR 142
 Qy 131 LADESGHVVLRW_LPPPETP - MTSHIRYEVDSAGNGAGSVORVELLEGRT----- 179
 Db 143 GGSOPGELOIHWEEAPAPEISDFLRLHRLRGPTDSSNATRPSV - IQLSTETCCPTLMP 200
 Qy 180 -----ECVSLNLRGRTTRYFAVRM 200
 Db 201 NPVVLQDQPCVHPTASQPHGPVRTSPACEAEPFLTVKGGSCLVSGLQAGKSYWLQLRSQP 260
 Qy 201 AEPSEFGGFWSAWSFSPVSLITPSD 223
 Db 261 DGVSILRGSGWGPWSFSPVTLPLGD 283
 RESULT 13
 US 08-457-254-7
 ; Sequence 7 Application US/08457254
 ; PATENT NO. 5986049
 ; GENERAL INFORMATION:
 ; APPLICANT: Forstrom, John W
 ; APPLICANT: Lofton-Day, Catherine E
 ; TITLE OF INVENTION: PURIFIED THROMBOPOIETIN AND METHOD OF
 ; TITLE OF INVENTION: MAKING IT
 ; NUMBER OF SEQUENCES: 24
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: ZymoGenetics, Inc.
 ; STREET: 1201 Eastlake Avenue East
 ; CITY: Seattle
 ; STATE: WA
 ; ZIP: 98102
 ; COMPUTER READABLE FORM:
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/457, 254
 ; FILING DATE:
 ; CLASSIFICATION: 514
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Parker, Gary E
 ; REGISTRATION NUMBER: 31,648
 ; REFERENCE/DOCKET NUMBER: 94-11C1
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 206-442-6673
 ; TELEFAX: 206-442-6678
 ; INFORMATION FOR SEQ ID NO: 7:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 633 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; US 08-457-254-7
 Query Match 16.8%; Score 200; DB 2; Length 633;
 Best Local Similarity 25.1%; Pred. No. 6.6e-14;
 Matches 66; Conservative 29; Mismatches 112; Indels 56; Gaps 7;
 Qy 13 SKAALAAARGPPEELCFTTERLIDIVCFWEEAAAGVGGGNYSYQLEDEPWKLCRHQ 72
 Db 25 SVPFFGTRYVCQFPAQDEVLFLPFLHLWVKNVSLNQTLTORYLFVDSVGLPAPPRVKAR 82
 Qy 73 PTARGAVRFWCSLPTAD-TSSFPVLELRVTAAS-GAPRHRVHINEVTLDDPVGIVAR 130
 Db 83 SVPFFGTRYVCQFPAQDEVLFLPFLHLWVKNVSLNQTLTORYLFVDSVGLPAPPRVKAR 142
 Qy 131 LADESGHVVLRW_LPPPETP - MTSHIRYEVDSAGNGAGSVORVELLEGRT----- 179
 Db 143 GGSOPGELOIHWEEAPAPEISDFLRLHRLRGPTDSSNATRPSV - IQLSTETCCPTLMP 200
 Qy 180 -----ECVSLNLRGRTTRYFAVRM 200
 Db 201 NPVVLQDQPCVHPTASQPHGPVRTSPACEAEPFLTVKGGSCLVSGLQAGKSYWLQLRSQP 260
 Qy 201 AEPSEFGGFWSAWSFSPVSLITPSD 223
 Db 261 DGVSILRGSGWGPWSFSPVTLPLGD 283
 RESULT 14
 PCT-US94-08806-17
 ; Sequence 17 Application PC/TUS9408806
 ; GENERAL INFORMATION:
 ; APPLICANT: ZymoGenetics, Inc.
 ; APPLICANT: 1201 Eastlake Avenue East
 ; APPLICANT: Seattle
 ; APPLICANT: WA
 ; APPLICANT: US
 ; APPLICANT: 98102
 ; APPLICANT: University of Washington
 ; APPLICANT: Seattle
 ; APPLICANT: WA
 ; APPLICANT: 98195
 ; APPLICANT: 98195
 ; TITLE OF INVENTION: HEMATOPOIETIC PROTEIN AND MATERIALS AND
 ; NUMBER OF SEQUENCES: 29
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: ZymoGenetics, Inc.
 ; STREET: 1201 Eastlake Avenue East
 ; CITY: Seattle
 ; STATE: WA
 ; COUNTRY: USA
 ; ZIP: 98102
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: FLOPPY disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/TUS94/08806
 ; FILING DATE:
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Parker, Gary E
 ; REGISTRATION NUMBER: 31,648
 ; REFERENCE/DOCKET NUMBER: 93-12PC
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 206-442-6673
 ; TELEFAX: 206-442-6678
 ; INFORMATION FOR SEQ ID NO: 17:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 633 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; PCT-US94-08806-17
 Query Match 16.8%; Score 200; DB 5; Length 633;
 Best Local Similarity 25.1%; Pred. No. 6.6e-14;
 Matches 66; Conservative 29; Mismatches 112; Indels 56; Gaps 7;
 Qy 13 SKAALAAARGPPEELCFTTERLIDIVCFWEEAAAGVGGGNYSYQLEDEPWKLCRHQ 72
 Db 25 SVPFFGTRYVCQFPAQDEVLFLPFLHLWVKNVSLNQTLTORYLFVDSVGLPAPPRVKAR 82
 Qy 73 PTARGAVRFWCSLPTAD-TSSFPVLELRVTAAS-GAPRHRVHINEVTLDDPVGIVAR 130
 Db 83 SVPFFGTRYVCQFPAQDEVLFLPFLHLWVKNVSLNQTLTORYLFVDSVGLPAPPRVKAR 142

Db 83 SVPTFGTRYCQFPAQDEVRLFFPLHLWKNVSLNQTLIQRVLFDVSGLPAPPVRIKAR 142
 Qy 131 LADESGHVVLRW-LPPPETP--MSHIRDEVDAAGNGAGSVQRVEILEGRG 179
 Db 143 GGSQGELQHWEAPEISDFRLHRYGPTDSNATAPSV--IQLISTETCPTLWMP 200
 Qy 180 -----ECVLSNLRGRTYFAVRM 200
 Db 201 NPVPVLQPPCVHPTASQPHGPVRTRSPAGEAPFLTVKGSSCLVSGLOAGKSYWQLRSOP 260
 Qy 201 AEPSPGGFRAWSEVSLTPSD 223
 Db 261 DGVSRLGSWGPWSFPVTVDLPGD 283

Search completed: August 28, 2002, 17:31:42
 Job time: 573 sec

RESULT 15
 PCT-US95-01775-17
 ; Sequence 17, Application PC/TUS9501775
 GENERAL INFORMATION:
 APPLICANT: ZymoGenetics, Inc.
 APPLICANT: 1201 Eastlake Avenue East
 APPLICANT: Seattle
 APPLICANT: WA
 APPLICANT: USA
 APPLICANT: 98102
 TITLE OF INVENTION: METHOD FOR PREPARING ORPHAN RECEPTOR LIGANDS
 NUMBER OF SEQUENCES: 17
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: ZymoGenetics, Inc.
 STREET: 1201 Eastlake Avenue East
 CITY: Seattle
 STATE: WA
 COUNTRY: USA
 ZIP: 98102
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/01775
 FILING DATE:
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Parker, Gary E
 REGISTRATION NUMBER: 31-648
 REFERENCE/DOCKET NUMBER: 94-2PC
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 206-442-5673
 TELEFAX: 206-442-6678
 INFORMATION FOR SEQ ID NO: 17:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 633 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 PCT-US95-01775-17

Query Match Similarity 16.8%; Score 200; DB 5; Length 633;
 Best Local Similarity 25.1%; Pred. No. 6. 6e-14;
 Matches 66; Conservative 29; Mismatches 112; Indels 56; Gaps 7;

Qy 13 SKAAILAARGPEELICLTERILEDYLVCFWEERASAGVGPGNISFSYQLEDPWKLCRLHQA 72
 Db 25 SQDVELLAQLGTEPPNCSQDFEDLTCFWBEEAA--PSCPYQOLLYAYRGEKPRACPLYSQ 82
 Qy 73 PTARGAVRFWCSLPPAD-TSSFVPLERVTAAS-GAPRYHRVHLNEVWVLLDAFVGLVAR 130
 Db 83 SVPTFGTRYCQFPAQDEVRLFFPLHLWKNVSLNQTLIQRVLFDVSGLPAPPVRIKAR 142
 Qy 131 LADESGHVVLRW-LPPPETP--MSHIRDEVDAAGNGAGSVQRVEILEGRG 179

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